

Release notes for ENDF/B Development n-056_Ba_133
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=5634, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=5634, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      232 TO      432
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=5634, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=5634, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      232
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5634, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      434
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      540
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      561
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      622
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      673
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 17 (0): Directory (b)

- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 17 | |
| SECTION 3/ 17 NOT IN DIRECTORY | RECORD NUMBER 682 |
8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 22 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 22 | |
| SECTION 3/ 22 NOT IN DIRECTORY | RECORD NUMBER 688 |
9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 24 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 24 | |
| SECTION 3/ 24 NOT IN DIRECTORY | RECORD NUMBER 697 |
10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 28 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 28 | |
| SECTION 3/ 28 NOT IN DIRECTORY | RECORD NUMBER 704 |
11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 41 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 41 | |
| SECTION 3/ 41 NOT IN DIRECTORY | RECORD NUMBER 713 |
12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 51 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 51 | |
| SECTION 3/ 51 NOT IN DIRECTORY | RECORD NUMBER 719 |
13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 52 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 52 | |
| SECTION 3/ 52 NOT IN DIRECTORY | RECORD NUMBER 747 |
14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 53 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 53 | |
| SECTION 3/ 53 NOT IN DIRECTORY | RECORD NUMBER 778 |
15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 54 | RECORD NUMBER | 805 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 55 | RECORD NUMBER | 834 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 56 | RECORD NUMBER | 859 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 57 | RECORD NUMBER | 883 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 58 | RECORD NUMBER | 908 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 59 | RECORD NUMBER | 932 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 60 | RECORD NUMBER | 955 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|-----|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 61 | RECORD NUMBER | 977 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 62 (0): Directory (b)

- | | | |
|--|---|-------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 62 | |
| | SECTION 3/ 62 NOT IN DIRECTORY | RECORD NUMBER 998 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 63 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 63 | |
| | SECTION 3/ 63 NOT IN DIRECTORY | RECORD NUMBER 1019 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 64 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 64 | |
| | SECTION 3/ 64 NOT IN DIRECTORY | RECORD NUMBER 1040 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 65 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 65 | |
| | SECTION 3/ 65 NOT IN DIRECTORY | RECORD NUMBER 1063 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 66 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 66 | |
| | SECTION 3/ 66 NOT IN DIRECTORY | RECORD NUMBER 1085 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 67 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 67 | |
| | SECTION 3/ 67 NOT IN DIRECTORY | RECORD NUMBER 1109 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT= 91 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT= 91 | |
| | SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER 1130 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=102 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=102 | |
| | SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER 1157 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=103 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=103 | |
| | SECTION 3/103 NOT IN DIRECTORY | RECORD NUMBER 1193 |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=107 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=107 | |
| | SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER 1235 |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=600 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=600 | |
| | SECTION 3/600 NOT IN DIRECTORY | RECORD NUMBER 1287 |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=601 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=601 | |
| | SECTION 3/601 NOT IN DIRECTORY | RECORD NUMBER 1326 |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=602 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=602 | |
| | SECTION 3/602 NOT IN DIRECTORY | RECORD NUMBER 1361 |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=603 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=603 | |
| | SECTION 3/603 NOT IN DIRECTORY | RECORD NUMBER 1394 |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=604 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=604 | |
| | SECTION 3/604 NOT IN DIRECTORY | RECORD NUMBER 1424 |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=605 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=605 | |
| | SECTION 3/605 NOT IN DIRECTORY | RECORD NUMBER 1454 |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=606 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=606 | RECORD NUMBER | 1482 |
| SECTION 3/606 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=607 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=607 | RECORD NUMBER | 1508 |
| SECTION 3/607 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=608 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=608 | RECORD NUMBER | 1536 |
| SECTION 3/608 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=609 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=609 | RECORD NUMBER | 1562 |
| SECTION 3/609 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=610 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=610 | RECORD NUMBER | 1587 |
| SECTION 3/610 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=611 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=611 | RECORD NUMBER | 1612 |
| SECTION 3/611 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=649 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=649 | RECORD NUMBER | 1637 |
| SECTION 3/649 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=800 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=800 | RECORD NUMBER | 1660 |
| SECTION 3/800 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=801 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=801 | |
| | SECTION 3/801 NOT IN DIRECTORY | RECORD NUMBER 1697 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=802 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=802 | |
| | SECTION 3/802 NOT IN DIRECTORY | RECORD NUMBER 1736 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=803 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=803 | |
| | SECTION 3/803 NOT IN DIRECTORY | RECORD NUMBER 1776 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=804 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=804 | |
| | SECTION 3/804 NOT IN DIRECTORY | RECORD NUMBER 1819 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=805 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=805 | |
| | SECTION 3/805 NOT IN DIRECTORY | RECORD NUMBER 1860 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=806 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=806 | |
| | SECTION 3/806 NOT IN DIRECTORY | RECORD NUMBER 1898 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=807 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=807 | |
| | SECTION 3/807 NOT IN DIRECTORY | RECORD NUMBER 1935 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=808 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 3, MT=808 | |
| | SECTION 3/808 NOT IN DIRECTORY | RECORD NUMBER 1979 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=809 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=809 | RECORD NUMBER | 2020 |
| SECTION 3/809 NOT IN DIRECTORY | | |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=810 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=810 | RECORD NUMBER | 2058 |
| SECTION 3/810 NOT IN DIRECTORY | | |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=811 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=811 | RECORD NUMBER | 2102 |
| SECTION 3/811 NOT IN DIRECTORY | | |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=812 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=812 | RECORD NUMBER | 2146 |
| SECTION 3/812 NOT IN DIRECTORY | | |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=813 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=813 | RECORD NUMBER | 2188 |
| SECTION 3/813 NOT IN DIRECTORY | | |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=814 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=814 | RECORD NUMBER | 2230 |
| SECTION 3/814 NOT IN DIRECTORY | | |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 3, MT=849 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 3, MT=849 | RECORD NUMBER | 2273 |
| SECTION 3/849 NOT IN DIRECTORY | | |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 2 | RECORD NUMBER | 2322 |
| SECTION 4/ 2 NOT IN DIRECTORY | | |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 51 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 51 | RECORD NUMBER | 2663 |
| SECTION 4/ 51 NOT IN DIRECTORY | | |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 52 | RECORD NUMBER | 2976 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 53 | RECORD NUMBER | 3207 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 54 | RECORD NUMBER | 3452 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 55 | RECORD NUMBER | 3679 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 56 | RECORD NUMBER | 3868 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 57 | RECORD NUMBER | 4077 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 58 | RECORD NUMBER | 4256 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 59 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 59 | RECORD NUMBER | 4427 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 60 | RECORD NUMBER | 4586 |
| SECTION 4/ 60 NOT IN DIRECTORY | | |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 61 | RECORD NUMBER | 4737 |
| SECTION 4/ 61 NOT IN DIRECTORY | | |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 62 | RECORD NUMBER | 4888 |
| SECTION 4/ 62 NOT IN DIRECTORY | | |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 63 | RECORD NUMBER | 5033 |
| SECTION 4/ 63 NOT IN DIRECTORY | | |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 64 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 64 | RECORD NUMBER | 5178 |
| SECTION 4/ 64 NOT IN DIRECTORY | | |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 65 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 65 | RECORD NUMBER | 5321 |
| SECTION 4/ 65 NOT IN DIRECTORY | | |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 66 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 66 | RECORD NUMBER | 5464 |
| SECTION 4/ 66 NOT IN DIRECTORY | | |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT= 67 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT= 67 | RECORD NUMBER | 5607 |
| SECTION 4/ 67 NOT IN DIRECTORY | | |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=600 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=600 | RECORD NUMBER | 5744 |
| SECTION 4/600 NOT IN DIRECTORY | | |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=601 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=601 | RECORD NUMBER | 5961 |
| SECTION 4/601 NOT IN DIRECTORY | | |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=602 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=602 | RECORD NUMBER | 6178 |
| SECTION 4/602 NOT IN DIRECTORY | | |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=603 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=603 | RECORD NUMBER | 6395 |
| SECTION 4/603 NOT IN DIRECTORY | | |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=604 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=604 | RECORD NUMBER | 6612 |
| SECTION 4/604 NOT IN DIRECTORY | | |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=605 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=605 | RECORD NUMBER | 6829 |
| SECTION 4/605 NOT IN DIRECTORY | | |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=606 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=5634, MF= 4, MT=606 | RECORD NUMBER | 7046 |
| SECTION 4/606 NOT IN DIRECTORY | | |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=607 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=607 | |
| | SECTION 4/607 NOT IN DIRECTORY | RECORD NUMBER 7263 |
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=608 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=608 | |
| | SECTION 4/608 NOT IN DIRECTORY | RECORD NUMBER 7480 |
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=609 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=609 | |
| | SECTION 4/609 NOT IN DIRECTORY | RECORD NUMBER 7697 |
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=610 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=610 | |
| | SECTION 4/610 NOT IN DIRECTORY | RECORD NUMBER 7914 |
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=611 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=611 | |
| | SECTION 4/611 NOT IN DIRECTORY | RECORD NUMBER 8131 |
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=800 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=800 | |
| | SECTION 4/800 NOT IN DIRECTORY | RECORD NUMBER 8348 |
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=801 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=801 | |
| | SECTION 4/801 NOT IN DIRECTORY | RECORD NUMBER 8641 |
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=802 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=802 | |
| | SECTION 4/802 NOT IN DIRECTORY | RECORD NUMBER 8934 |
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=803 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=803 | |
| | SECTION 4/803 NOT IN DIRECTORY | RECORD NUMBER 9227 |
96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=804 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=804 | |
| | SECTION 4/804 NOT IN DIRECTORY | RECORD NUMBER 9520 |
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=805 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=805 | |
| | SECTION 4/805 NOT IN DIRECTORY | RECORD NUMBER 9813 |
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=806 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=806 | |
| | SECTION 4/806 NOT IN DIRECTORY | RECORD NUMBER 10106 |
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=807 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=807 | |
| | SECTION 4/807 NOT IN DIRECTORY | RECORD NUMBER 10399 |
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=808 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=808 | |
| | SECTION 4/808 NOT IN DIRECTORY | RECORD NUMBER 10692 |
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=809 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=809 | |
| | SECTION 4/809 NOT IN DIRECTORY | RECORD NUMBER 10985 |
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=810 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=810 | |
| | SECTION 4/810 NOT IN DIRECTORY | RECORD NUMBER 11278 |
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=811 (0): Directory (b)

- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=811 | |
| | SECTION 4/811 NOT IN DIRECTORY | RECORD NUMBER 11571 |
104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=812 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=812 | |
| | SECTION 4/812 NOT IN DIRECTORY | RECORD NUMBER 11864 |
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=813 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=813 | |
| | SECTION 4/813 NOT IN DIRECTORY | RECORD NUMBER 12157 |
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 4, MT=814 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 4, MT=814 | |
| | SECTION 4/814 NOT IN DIRECTORY | RECORD NUMBER 12450 |
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 16 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 16 | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER 12744 |
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 17 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 17 | |
| | SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER 14446 |
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 22 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 22 | |
| | SECTION 6/ 22 NOT IN DIRECTORY | RECORD NUMBER 14539 |
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 24 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 24 | |
| | SECTION 6/ 24 NOT IN DIRECTORY | RECORD NUMBER 16795 |
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 28 (0): Directory (b)

- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 28 | |
| | SECTION 6/ 28 NOT IN DIRECTORY | RECORD NUMBER 17187 |
112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 41 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 41 | |
| | SECTION 6/ 41 NOT IN DIRECTORY | RECORD NUMBER 18407 |
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT= 91 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT= 91 | |
| | SECTION 6/ 91 NOT IN DIRECTORY | RECORD NUMBER 18566 |
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT=102 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT=102 | |
| | SECTION 6/102 NOT IN DIRECTORY | RECORD NUMBER 29813 |
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT=649 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT=649 | |
| | SECTION 6/649 NOT IN DIRECTORY | RECORD NUMBER 35295 |
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF= 6, MT=849 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF= 6, MT=849 | |
| | SECTION 6/849 NOT IN DIRECTORY | RECORD NUMBER 37668 |
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 51 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF=12, MT= 51 | |
| | SECTION 12/ 51 NOT IN DIRECTORY | RECORD NUMBER 43805 |
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 52 (0): Directory (b)
- | | | |
|--|---|---------------------|
| | ERROR(S) FOUND IN MAT=5634, MF=12, MT= 52 | |
| | SECTION 12/ 52 NOT IN DIRECTORY | RECORD NUMBER 43809 |
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 53 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 43813
120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 43817
121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 43821
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 43825
123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 43829
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 43834
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 43839
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 60
SECTION 12/ 60 NOT IN DIRECTORY RECORD NUMBER 43843
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 61 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 61
SECTION 12/ 61 NOT IN DIRECTORY RECORD NUMBER 43848
128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 62
SECTION 12/ 62 NOT IN DIRECTORY RECORD NUMBER 43852
129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 63
SECTION 12/ 63 NOT IN DIRECTORY RECORD NUMBER 43856
130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 64
SECTION 12/ 64 NOT IN DIRECTORY RECORD NUMBER 43862
131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 65 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 65
SECTION 12/ 65 NOT IN DIRECTORY RECORD NUMBER 43866
132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 66 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 66
SECTION 12/ 66 NOT IN DIRECTORY RECORD NUMBER 43871
133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT= 67 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT= 67
SECTION 12/ 67 NOT IN DIRECTORY RECORD NUMBER 43875
134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=601
SECTION 12/601 NOT IN DIRECTORY RECORD NUMBER 43880
135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=602 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=12, MT=602
SECTION 12/602 NOT IN DIRECTORY RECORD NUMBER 43884
136. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=603
SECTION 12/603 NOT IN DIRECTORY RECORD NUMBER 43888
137. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=604
SECTION 12/604 NOT IN DIRECTORY RECORD NUMBER 43892
138. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=605
SECTION 12/605 NOT IN DIRECTORY RECORD NUMBER 43896
139. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=606
SECTION 12/606 NOT IN DIRECTORY RECORD NUMBER 43900
140. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=607
SECTION 12/607 NOT IN DIRECTORY RECORD NUMBER 43904
141. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=608
SECTION 12/608 NOT IN DIRECTORY RECORD NUMBER 43908
142. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=609
SECTION 12/609 NOT IN DIRECTORY RECORD NUMBER 43912
143. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=610 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=12, MT=610
SECTION 12/610 NOT IN DIRECTORY RECORD NUMBER 43916
144. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=611 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=611
SECTION 12/611 NOT IN DIRECTORY RECORD NUMBER 43920
145. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=801
SECTION 12/801 NOT IN DIRECTORY RECORD NUMBER 43924
146. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=802
SECTION 12/802 NOT IN DIRECTORY RECORD NUMBER 43928
147. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=803
SECTION 12/803 NOT IN DIRECTORY RECORD NUMBER 43932
148. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=804
SECTION 12/804 NOT IN DIRECTORY RECORD NUMBER 43936
149. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=805
SECTION 12/805 NOT IN DIRECTORY RECORD NUMBER 43940
150. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=806
SECTION 12/806 NOT IN DIRECTORY RECORD NUMBER 43944
151. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=807 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=12, MT=807
SECTION 12/807 NOT IN DIRECTORY RECORD NUMBER 43948
152. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=808
SECTION 12/808 NOT IN DIRECTORY RECORD NUMBER 43952
153. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=809
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 43956
154. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=810
SECTION 12/810 NOT IN DIRECTORY RECORD NUMBER 43960
155. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=811 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=811
SECTION 12/811 NOT IN DIRECTORY RECORD NUMBER 43964
156. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=812
SECTION 12/812 NOT IN DIRECTORY RECORD NUMBER 43968
157. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=813 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=813
SECTION 12/813 NOT IN DIRECTORY RECORD NUMBER 43972
158. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=12, MT=814 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=12, MT=814
SECTION 12/814 NOT IN DIRECTORY RECORD NUMBER 43977
159. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 51 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 43983
160. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 43985
161. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 43987
162. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 43989
163. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 43991
164. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 43993
165. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 57
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 43995
166. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 58
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 43997
167. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 59 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 59
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 43999
168. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 60 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 60
SECTION 14/ 60 NOT IN DIRECTORY RECORD NUMBER 44001
169. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 61 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 61
SECTION 14/ 61 NOT IN DIRECTORY RECORD NUMBER 44003
170. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 62 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 62
SECTION 14/ 62 NOT IN DIRECTORY RECORD NUMBER 44005
171. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 63 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 63
SECTION 14/ 63 NOT IN DIRECTORY RECORD NUMBER 44007
172. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 64 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 64
SECTION 14/ 64 NOT IN DIRECTORY RECORD NUMBER 44009
173. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 65 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 65
SECTION 14/ 65 NOT IN DIRECTORY RECORD NUMBER 44011
174. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 66 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 66
SECTION 14/ 66 NOT IN DIRECTORY RECORD NUMBER 44013
175. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT= 67 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=14, MT= 67
SECTION 14/ 67 NOT IN DIRECTORY RECORD NUMBER 44015
176. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=601
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 44017
177. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=602
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 44019
178. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=603
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 44021
179. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=604
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 44023
180. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=605
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 44025
181. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=606
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 44027
182. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=607
SECTION 14/607 NOT IN DIRECTORY RECORD NUMBER 44029
183. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=608 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=14, MT=608
SECTION 14/608 NOT IN DIRECTORY RECORD NUMBER 44031
184. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=609
SECTION 14/609 NOT IN DIRECTORY RECORD NUMBER 44033
185. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=610 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=610
SECTION 14/610 NOT IN DIRECTORY RECORD NUMBER 44035
186. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=611 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=611
SECTION 14/611 NOT IN DIRECTORY RECORD NUMBER 44037
187. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=801
SECTION 14/801 NOT IN DIRECTORY RECORD NUMBER 44039
188. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=802
SECTION 14/802 NOT IN DIRECTORY RECORD NUMBER 44041
189. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=803
SECTION 14/803 NOT IN DIRECTORY RECORD NUMBER 44043
190. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=804
SECTION 14/804 NOT IN DIRECTORY RECORD NUMBER 44045
191. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=805 (0): Directory (b)

- ERROR(S) FOUND IN MAT=5634, MF=14, MT=805
SECTION 14/805 NOT IN DIRECTORY RECORD NUMBER 44047
192. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=806
SECTION 14/806 NOT IN DIRECTORY RECORD NUMBER 44049
193. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=807 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=807
SECTION 14/807 NOT IN DIRECTORY RECORD NUMBER 44051
194. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=808
SECTION 14/808 NOT IN DIRECTORY RECORD NUMBER 44053
195. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=809
SECTION 14/809 NOT IN DIRECTORY RECORD NUMBER 44055
196. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=810
SECTION 14/810 NOT IN DIRECTORY RECORD NUMBER 44057
197. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=811 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=811
SECTION 14/811 NOT IN DIRECTORY RECORD NUMBER 44059
198. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=5634, MF=14, MT=812
SECTION 14/812 NOT IN DIRECTORY RECORD NUMBER 44061
199. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=5634, MF=14, MT=813 (0): Directory (b)

ERROR(S) FOUND IN MAT=5634, MF=14, MT=813
SECTION 14/813 NOT IN DIRECTORY

RECORD NUMBER 44063

200. Missing a section in directory so your directory is messed up. This error will break everything else

MAT=5634, MF=14, MT=814 (0): Directory (b)

ERROR(S) FOUND IN MAT=5634, MF=14, MT=814
SECTION 14/814 NOT IN DIRECTORY

RECORD NUMBER 44065

• **psyche** Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 133. L = 0 / STRENGTH FUNCTION IS 1.09102E-04 / STRENGTH FUNCTION 1.09102E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ISOTOPE MASS = 133. L = 0
STRENGTH FUNCTION IS 1.09102E-04
STRENGTH FUNCTION 1.09102E-04
... [1 more lines]
```

2. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
... [9 more lines]
```

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.12333E+01 SHOULD BE 5.51071E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.12333E+01 SHOULD BE 5.51071E+01
```

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.12264E+01 SHOULD BE 5.51008E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.12264E+01 SHOULD BE 5.51008E+01
```

5. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

6. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.11810E+01 SHOULD BE 5.50599E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.11810E+01 SHOULD BE 5.50599E+01
```

7. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

8. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.10305E+01 SHOULD BE 5.49245E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.10305E+01 SHOULD BE 5.49245E+01
```

9. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.08803E+01 SHOULD BE 5.47893E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.08803E+01 SHOULD BE 5.47893E+01
11. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
12. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.07306E+01 SHOULD BE 5.46546E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.07306E+01 SHOULD BE 5.46546E+01
13. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
14. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.05812E+01 SHOULD BE 5.45202E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.05812E+01 SHOULD BE 5.45202E+01
15. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04

16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.04322E+01 SHOULD BE 5.43861E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.04322E+01 SHOULD BE 5.43861E+01
```

17. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

18. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.27000E-04 / DENSITY 6.02836E+01 SHOULD BE 5.42523E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.27000E-04
DENSITY 6.02836E+01 SHOULD BE 5.42523E+01
```

19. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.27000E-04 / STRENGTH FUNCTION 1.27000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.27000E-04
STRENGTH FUNCTION 1.27000E-04
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

20. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.12333E+01 SHOULD BE 5.51071E+01 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.12333E+01 SHOULD BE 5.51071E+01
```

21. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.12264E+01 SHOULD BE 5.51008E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.12264E+01 SHOULD BE 5.51008E+01
22. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.11810E+01 SHOULD BE 5.50599E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.11810E+01 SHOULD BE 5.50599E+01
23. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.10305E+01 SHOULD BE 5.49245E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.10305E+01 SHOULD BE 5.49245E+01
24. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.08803E+01 SHOULD BE 5.47893E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.08803E+01 SHOULD BE 5.47893E+01
25. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.07306E+01 SHOULD BE 5.46546E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.07306E+01 SHOULD BE 5.46546E+01
26. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.05812E+01 SHOULD BE 5.45202E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.05812E+01 SHOULD BE 5.45202E+01
27. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.04322E+01 SHOULD BE 5.43861E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.04322E+01 SHOULD BE 5.43861E+01
28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 6.02836E+01 SHOULD BE 5.42523E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 6.02836E+01 SHOULD BE 5.42523E+01
29. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.53629E+01 SHOULD BE 3.30642E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.53629E+01 SHOULD BE 3.30642E+01
30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.53577E+01 SHOULD BE 3.30605E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.53577E+01 SHOULD BE 3.30605E+01
31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.53241E+01 SHOULD BE 3.30360E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.53241E+01 SHOULD BE 3.30360E+01
32. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.52126E+01 SHOULD BE 3.29547E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.52126E+01 SHOULD BE 3.29547E+01
33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.51014E+01 SHOULD BE 3.28736E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.51014E+01 SHOULD BE 3.28736E+01
34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.49904E+01 SHOULD BE 3.27928E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.49904E+01 SHOULD BE 3.27928E+01
35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.48798E+01 SHOULD BE 3.27121E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.48798E+01 SHOULD BE 3.27121E+01
36. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.47694E+01 SHOULD BE 3.26317E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.47694E+01 SHOULD BE 3.26317E+01
37. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.65000E-04 / DENSITY 4.46593E+01 SHOULD BE 3.25514E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.65000E-04
DENSITY 4.46593E+01 SHOULD BE 3.25514E+01
38. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.53629E+01 SHOULD BE 3.67400E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.53629E+01 SHOULD BE 3.67400E+01
39. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.53577E+01 SHOULD BE 3.67358E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.53577E+01 SHOULD BE 3.67358E+01
40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.53241E+01 SHOULD BE 3.67086E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.53241E+01 SHOULD BE 3.67086E+01
41. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.52126E+01 SHOULD BE 3.66183E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.52126E+01 SHOULD BE 3.66183E+01
42. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.51014E+01 SHOULD BE 3.65282E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.51014E+01 SHOULD BE 3.65282E+01
43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.49904E+01 SHOULD BE 3.64384E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.49904E+01 SHOULD BE 3.64384E+01
44. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.48798E+01 SHOULD BE 3.63487E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.48798E+01 SHOULD BE 3.63487E+01
45. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.47694E+01 SHOULD BE 3.62593E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.47694E+01 SHOULD BE 3.62593E+01
46. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.46593E+01 SHOULD BE 3.61702E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.46593E+01 SHOULD BE 3.61702E+01
47. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.44544E+01 SHOULD BE 2.62429E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 3.06000E+02. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.44544E+01 SHOULD BE 2.62429E+01
48. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.44493E+01 SHOULD BE 2.62399E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+02. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.44493E+01 SHOULD BE 2.62399E+01
49. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.44164E+01 SHOULD BE 2.62204E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.44164E+01 SHOULD BE 2.62204E+01
50. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.43072E+01 SHOULD BE 2.61559E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.43072E+01 SHOULD BE 2.61559E+01
51. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.41981E+01 SHOULD BE 2.60916E+01 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.41981E+01 SHOULD BE 2.60916E+01
52. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.40894E+01 SHOULD BE 2.60274E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.40894E+01 SHOULD BE 2.60274E+01
53. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.39810E+01 SHOULD BE 2.59634E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.39810E+01 SHOULD BE 2.59634E+01
54. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.38728E+01 SHOULD BE 2.58995E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.38728E+01 SHOULD BE 2.58995E+01
55. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 4.37649E+01 SHOULD BE 2.58358E+01 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.24150E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 4.37649E+01 SHOULD BE 2.58358E+01
56. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 103 / THE CALCULATED Q 1.38049E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q
- FILE 3
SECTION 103
THE CALCULATED Q 1.38049E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00
57. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 107 / THE CALCULATED Q 7.89488E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q
- FILE 3
SECTION 107
THE CALCULATED Q 7.89488E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00

- fudge-4.0 Warnings:

1. Potential scattering hasn't converted, you need more L's!
resonances / resolved / MultiLevelBreitWigner (Error # 0): potentialScatteringNotConverged

WARNING: Potential scattering hasn't converged by L=0 at E=306.0 eV, xs[0]/xs[0]=100.0% > 0.1%

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 19: n[multiplicity:'2'] + Ba132 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7516522.915298462 eV vs -7.189e6 eV!

2. Calculated and tabulated Q values disagree.
reaction label 20: n[multiplicity:'3'] + Ba131 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16912176.55952454 eV vs -1.7007e7 eV!

3. Calculated and tabulated Q values disagree.
reaction label 21: n + H1 + Cs132 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7673291.981811523 eV vs -7.687e6 eV!

4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 21: n + H1 + Cs132 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV

... plus 7 more instances of this message

5. Calculated and tabulated Q values disagree.
reaction label 22: H1 + Cs133 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 782796.2979278564 eV vs 1.3e6 eV!

6. Calculated and tabulated Q values disagree.
reaction label 23: H1 + Cs133-e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 701796.2979278564 eV vs 1.219e6 eV!

7. Calculated and tabulated Q values disagree.
reaction label 24: H1 + Cs133-e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 622186.2979278564 eV vs 1139390. eV!

8. Calculated and tabulated Q values disagree.
reaction label 25: H1 + Cs133-e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 398946.2979278564 eV vs 916150. eV!

9. Calculated and tabulated Q values disagree.
reaction label 26: H1 + Cs133-e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 345786.2979278564 eV vs 862990. eV!
10. Calculated and tabulated Q values disagree.
reaction label 27: H1 + Cs133-e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 150236.2979278564 eV vs 667440. eV!
11. Calculated and tabulated Q values disagree.
reaction label 28: H1 + Cs133-e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 142406.2979278564 eV vs 659610. eV!
12. Calculated and tabulated Q values disagree.
reaction label 29: H1 + Cs133-e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 77256.29792785645 eV vs 594460. eV!
13. Calculated and tabulated Q values disagree.
reaction label 30: H1 + Cs133-e8 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 54496.29792785645 eV vs 5.717e5 eV!
14. Calculated and tabulated Q values disagree.
reaction label 31: H1 + Cs133-e9 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 15086.29792785645 eV vs 532290. eV!
15. Calculated and tabulated Q values disagree.
reaction label 32: H1 + Cs133-e10 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -5983.702072143555 eV vs 511220. eV!
16. Calculated and tabulated Q values disagree.
reaction label 33: H1 + Cs133-e11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -36263.70207214355 eV vs 480940. eV!
17. Calculated and tabulated Q values disagree.
reaction label 34: H1 + (Cs133-c -> Cs133 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -36263.70207214355 eV vs 480940. eV!
18. Calculated and tabulated Q values disagree.
reaction label 35: He4 + Xe130 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7312021.805648804 eV vs 7.97e6 eV!
19. Calculated and tabulated Q values disagree.
reaction label 36: He4 + Xe130-e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6775931.805648804 eV vs 7433910. eV!

20. Calculated and tabulated Q values disagree.
reaction label 37: He4 + Xe130_e2 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6189871.805648804 eV vs 6847850. eV!
21. Calculated and tabulated Q values disagree.
reaction label 38: He4 + Xe130_e3 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 6107411.805648804 eV vs 6765390. eV!
22. Calculated and tabulated Q values disagree.
reaction label 39: He4 + Xe130_e4 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5721721.805648804 eV vs 6.3797e6 eV!
23. Calculated and tabulated Q values disagree.
reaction label 40: He4 + Xe130_e5 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5679491.805648804 eV vs 6337470. eV!
24. Calculated and tabulated Q values disagree.
reaction label 41: He4 + Xe130_e6 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5518481.805648804 eV vs 6176460. eV!
25. Calculated and tabulated Q values disagree.
reaction label 42: He4 + Xe130_e7 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5503841.805648804 eV vs 6161820. eV!
26. Calculated and tabulated Q values disagree.
reaction label 43: He4 + Xe130_e8 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5367931.805648804 eV vs 6025910. eV!
27. Calculated and tabulated Q values disagree.
reaction label 44: He4 + Xe130_e9 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5294931.805648804 eV vs 5952910. eV!
28. Calculated and tabulated Q values disagree.
reaction label 45: He4 + Xe130_e10 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5252421.805648804 eV vs 5.9104e6 eV!
29. Calculated and tabulated Q values disagree.
reaction label 46: He4 + Xe130_e11 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5230061.805648804 eV vs 5888040. eV!
30. Calculated and tabulated Q values disagree.
reaction label 47: He4 + Xe130_e12 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5208641.805648804 eV vs 5866620. eV!

31. Calculated and tabulated Q values disagree.
reaction label 48: He4 + Xe130_e13 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5161811.805648804 eV vs 5819790. eV!
32. Calculated and tabulated Q values disagree.
reaction label 49: He4 + Xe130_e14 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5140381.805648804 eV vs 5798360. eV!
33. Calculated and tabulated Q values disagree.
reaction label 50: He4 + (Xe130_c ->Xe130 + gamma) (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 5140381.805648804 eV vs 5798360. eV!
34. Calculated and tabulated Q values disagree.
reaction label 51: Ba134 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 9203617.900772095 eV vs 9.468e6 eV!
35. Calculated and tabulated Q values disagree.
reaction label 52: n + He4 + Xe129 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -1144066.474121094 eV vs -1.286e6 eV!
36. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 52: n + He4 + Xe129 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
 ... plus 9 more instances of this message
37. Calculated and tabulated Q values disagree.
reaction label 53: n[multiplicity:'2'] + He4 + Xe128 + gamma (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: -8660589.389450073 eV vs -8.193e6 eV!
38. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 53: n[multiplicity:'2'] + He4 + Xe128 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
 ... plus 2 more instances of this message
39. Calculated and tabulated Q values disagree.
reaction label 54: n[multiplicity:'2'] + H1 + Cs131 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15189814.8971405 eV vs -1.4855e7 eV!

40. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
reaction label 54: n[multiplicity:'2'] + H1 + Cs131 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy

WARNING: Extra zero-probability outgoing energies found at incident energy 1.7e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV

41. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum

• njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 56134
photon momentum recoil used.